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ABSTRACT

This document discusses a computerized transfer evaluation system designed by Pennsylvania College of Technology, a comprehensive two-year institution with an enrollment of over 4,800 students. It is noted that the Admissions Office processes approximately 500 transfer applications for a fall semester, as well as a large number of evaluations for current students who take summer courses at other institutions. This document discusses how the transfer evaluation system was developed, how it allows the college to efficiently process transfer evaluations, how it is used as a counseling tool, and how it acts as part of an admissions/admittance system. Included is an overview of how the system operates, examples of computer screens, and an example of how the system works on a day-to-day basis. Copies of computer screens used in the process and reproduced in this document include the Graduation Profile, copies of screens used in the evaluation of external credits, and part of the transfer guide for the college. (NB)

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Title: An Integrated On-Line Transfer Credit Evaluation System- Admissions through Graduation Audit

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ED 364 802

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C. Schuman

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC)

This presentation will discuss a computerized transfer evaluation system designed by Pennsylvania College of Technology. The transfer system became part of an already established graduation audit system. The session will discuss how the transfer evaluation system was developed, how it allows the College to efficiently process transfer evaluations, how it is used as a counseling tool, and how it acts as part of an admissions/admittance system. There will be an overview of how the system operates, examples of computer screens, and finally an example of how the system works on a day to day basis.

Pennsylvania College of Technology is a comprehensive two-year institution with an enrollment of over 4,800 students. The College offers over seventy credit programs leading to baccalaureate degrees, associate degrees and certificates in vocational and technical fields and in the liberal arts and sciences. When you compare the variety of programs Penn College offers to the number of transfer applications we receive, you will see how the evaluation of external credits can be a nightmare.

The transfer evaluation process is the responsibility of the Admissions Office, which receives input from the various academic divisions. The Admissions Office processes approximately 500 transfer applications for a fall semester, as well as a large number of evaluations for current students who take summer courses at other institutions. Over

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the last few semesters, there has been a steady increase in the enrollment of transfer students. The data for the Fall 1992 shows that transfer students represent approximately 15% of the new student population, and an increase of about 30% over Fall 1991.

The transfer student is quite different from the typical freshman and requires special admissions processing. The results of the admissions evaluation may actually determine whether or not the student chooses to attend the institution and is extremely critical to academic advising. With limited staff and an increased number of transfer students, Penn College was faced with the problem of providing consistent and timely evaluations of transfer credits, using a manual evaluation system . Some of the problems we faced were:

1. Two to three- week delays in evaluating transcripts. All evaluations were done manually by two people. We had reached the point where we were only evaluating transfer credit after we were certain the student was going to enroll.
2. The need to involve more staff in the evaluation process. Under our old system, decisions rested with one or two individuals. If they were not available to answer questions, the student and/or faculty member would be forced to wait for answers.
3. Ensuring consistency in the evaluations. Courses vary between institutions in terms of name, numbering and content. We knew we had to eliminate course redundancies, as well as errors in the awarding of transfer credit.

To make the system complete, we felt that the transfer of credits needed to go beyond the evaluation process. The College has long believed in the philosophy that every student should know what courses he/she needs to complete in order to fulfill

the requirements for graduation from the time they begin the admissions process. The graduation audit system, developed as part of the initial contact with the student, provides a scheduling and advising tool throughout his/her program of study. Students and advisors are provided with graduation information on an ongoing basis. It is a constant reminder to the student regarding his/her graduation status and a help in making curricular decisions. The graduation audit system has eliminated any surprises as the student begins to finalize his/her graduation plans. It also is the final link in the transfer evaluation system.

In order for the automated external transfer evaluation system to work effectively there has to be a strong link to the internal evaluation system. The new component needed to be equal to or better than the existing method of evaluation. With the graduation audit in place and tested for several years, we were ready to implement the final component-transfer evaluation. The process of bringing courses into the institution had become cumbersome and often took place late in the acceptance process. The Admissions Office was handling paperwork which had to be typed, copied and distributed to the Registrar's Office, where it was kept up-to-date throughout the student's college experience. The Registrar's Office did not have initial ownership of the student's record, and a complete evaluation of transfer credits was not be done until the student was officially enrolled. By this time, the student would have been scheduled, and in some cases, scheduled for a duplicate course. As you can see, this caused a lot of problems and needed to be changed.

Penn College's graduation audit system has been in use since 1988. It follows a student from acceptance to graduation and is used as a tool for measuring a student's progress– as well as assisting them in scheduling for additional semesters. Students can obtain an "unofficial" evaluation or a "what if" at any time they are anticipating changing programs or re-enrolling. At the time the decision is made to

enroll in a given program the computer system evaluates the student's record and updates the transcript.

Organizationally, the external evaluation and the degree audit are housed in two operations. The Admissions Director is responsible for the transfer of courses from outside institutions, while the Registrar's Office coordinates all graduation review functions. For this reason, it was necessary for each operation to give up individual control and have system controls for everyone. This has resulted in a much more consistent evaluation, as well as one wh[redacted]the mystery has been removed. Students can conceivably obtain information necessary to make curricular decisions from faculty, advisors, student personnel, etc., throughout the campus community.

The student who has been given permission to transfer a successfully completed course into a program at our institution can be assured of acceptance at the time the course is identified. The transferred credit becomes part of the student's official transcript and alerts all staff involved with the student of not only what the course is, but where the course has been/will be taken.

Many times a student leaves an institution without completing all graduation requirements. At the time the student brought the transfer courses back to the institution, a vital communication between the Admissions and Student Records Office didn't occur-perhaps because the student did not understand the necessity of informing both offices. Now, at Penn College with a graduation audit in place, the missing requirement is readily displayed and communication is enhanced.

This presentation will discuss the process Penn College went through developing a system that:

1. eliminates course evaluation redundancy,
2. significantly improves consistency in evaluations,

3. provides a tool to academic offices for advising,
4. allows more staff to become involved in the transfer process.

The following pages are copies of the various screens used in the process.

1. Page 6 is the end result of the system, the Graduation Profile.
2. Pages 7 through 19 deal with the evaluation of external credits. They are copies of the various computer screens used in the process.
3. Page 20 is part of the transfer guide for Penn State University. It is an outcome of the system and is used to help counsel students about transfer. It can either be produced as a hard copy or viewed live on a computer screen.

Catalog Profile

JOHN G

Social Security Number
Birth Date/Age
Phone
Semester SPRING 93 DEGREE
Program BAF - MANUFACTURING ENGR TECHNOLOGY
Catalog Enrolled Under 92 (92)
Program Advisor ALBERT, E

Math Test. . .
English Test .
Reading Test .
Cumulative GPA 3.819

Program Requirements > = Incomplete Work + = In-Process/Future	Credits	Completed Courses				Grades Final/Mid		Credits Class	Used
First Semester									
MTT110 MACHINING I	5.00	MTT110 02	FALL	90	A			5.00	5.00
MTT115 MACHINING II	5.00	MTT115 02	FALL	90	A			5.00	5.00
CSC108 INTRO TO PROGRAMNG CONCPT	1.00	CSC108 02	FALL	92	A			1.00	1.00
MTH180 COLLEGE ALGEBRA/TRIG I	3.00	MTH103	EXTTRAN				*	3.00	3.00
		** PENNSYLVANIA STATE UNI **							
SPC101 FUNDAMENTALS OF SPEECH	3.00	SPC101	EXTTRAN					3.00	3.00
		** PENNSYLVANIA STATE UNI **							
Second Semester									
CIM101 BASIC MACH TOOL PROGRAMMG	3.00	CIM101 25	SPRING	91	A	P		3.00	3.00
MTT120 MACHINING PROCESSES	5.00	MTT120 01	SPRING	91	A			5.00	5.00
> MTH182 COLLEGE ALGEBRA/TRIG II	3.00								
QAL125 METROLOGY/QUALITY CONTROL	5.00	MTT125 01	SPRING	91	A		*	5.00	5.00
Third Semester									
CIM121 N/C CNC PROGRAMMING	3.00	CIM121 25	FALL	91	A	P		3.00	3.00
CIM122 N/C CNC MACHINE OPERATION	4.00	CIM122 25	FALL	91	A			4.00	4.00
MTT210 TOOL TECHNOLOGY	5.00	MTT210 25	FALL	91	A			5.00	5.00
EDT101 MECHANICAL DRAWING	2.00	EDT101 26	FALL	90	A	P		2.00	2.00
MTH230 APPLIED CALCULUS	3.00	MTH230	EXTTRAN					3.00	3.00
		** PENNSYLVANIA STATE UNI **							
OR MTH240 CALCULUS I	4.00	Satisfied thru Related Requirement							
Fourth Semester									
CIM203 SPECIAL MACHINING PROCESS	2.00	CIM203 02	SPRING	92	A	P		2.00	2.00
CIM204 TOOLING	3.00	CIM204 01	FALL	91	A			3.00	3.00
ENL111 ENGLISH COMPOSITION I	3.00	ENL111	EXTTRAN					3.00	3.00
		** PENNSYLVANIA STATE UNI **							
MTH242 CALCULUS II	4.00	MTH201 02	SPRING	92	B	P +		3.00	4.00
OR MTH160 ELEMENT STAT W/COMPUTER	4.00	Satisfied thru Related Requirement							
PHS106 INTRO TO METALLURGY	4.00	PHS106 01	SPRING	92	B	P		4.00	4.00
Fifth Semester									
+ ENL201 TECHNICAL WRITING	3.00	ENL201 09	SPRING	93	CP	P		3.00	3.00
MET311 COMPTR SOL OF ENGR PROB	3.00	MET311 25	FALL	92	A	P		3.00	3.00
ECO111 PRINCIPLES MACROECONOMICS	3.00	ECO111	EXTTRAN					3.00	3.00
		** PENNSYLVANIA STATE UNI **							
MET318 MFG PROCESS AND ORGANIZN	3.00	MET318 01	FALL	92	B	P		3.00	3.00
PHS100 PHYSICS-MECHANICS	4.00	PHS100 01	SPRING	91	A	P		4.00	4.00
OR PHS115 COLLEGE PHYSICS I	4.00	Satisfied thru Related Requirement							
QAL101 INTRO - QUALITY ASSURANCE	3.00	MTT299 25	SPRING	92	A	P +		3.00	3.00
Sixth Semester									
CIM222 ROBOT APPLICATIONS	3.00	CIM222 25	FALL	92	B	P		3.00	3.00
+ MET315 ENGINEERING ECONOMICS	3.00	MET315 01	SPRING	93	CP	P		3.00	3.00
MET321 ENGR ETHICS AND LEGAL ISS	3.00	Satisfied thru Related Requirement							
+ OR STSELC Science, Tech, Soc Elective	3.00	HIS262 01	SPRING	93	CP	P		3.00	3.00
FITELC Fitness Elective	1.00	PED2001	EXTTRAN					1.00	1.00
		** PENNSYLVANIA STATE UNI **							
FITELC Fitness Elective	1.00	FIT200101	EXTTRAN					1.00	1.00

This profile has been created as a result of an evaluation of external course work (courses taken at another college or institution). The course work will appear on a Pennsylvania College of Technology transcript when the student has successfully completed one semester. The Office of Admissions is responsible for the evaluation of external course work and any questions should be directed to that office.

_____ _____
Director of Admissions Date

c:(1) with Official Transcript
to Student Records Office
(1) Student
(1) Division Office
(1) D. Foster

(if applicable)

CONFIDENTIAL RECORD- USE AND ACCESS IS LIMITED TO INTERNAL USE ONLY CONTINUED ON NEXT PAGE

College Description File and
Transfer Classes UPDATE

1. Add a College Description with Transfer Classes
2. Change a College Description and Transfer Classes
3. Delete a College Description and Transfer Classes
4. Display a College Description and Transfer Classes
5. Search College Description file
6. Print College Descriptions and/or Evaluations

Enter:
Option.....: 1
College Code: _____

Letters for Search: PEN (Blanks will display file in College Code order.)

CMD 1 - EXIT

College Transfer Class

College Code/Name: PENNSYLVANIA STATE UNIVERSITY_

Class Code	Description	Class Code	Description	Crs.
MGMT100	SURVEY OF MANAGEMENT_____	MGT115_		
MGMT341	HUMAN RSCRE MGMT_____	MGT340_		

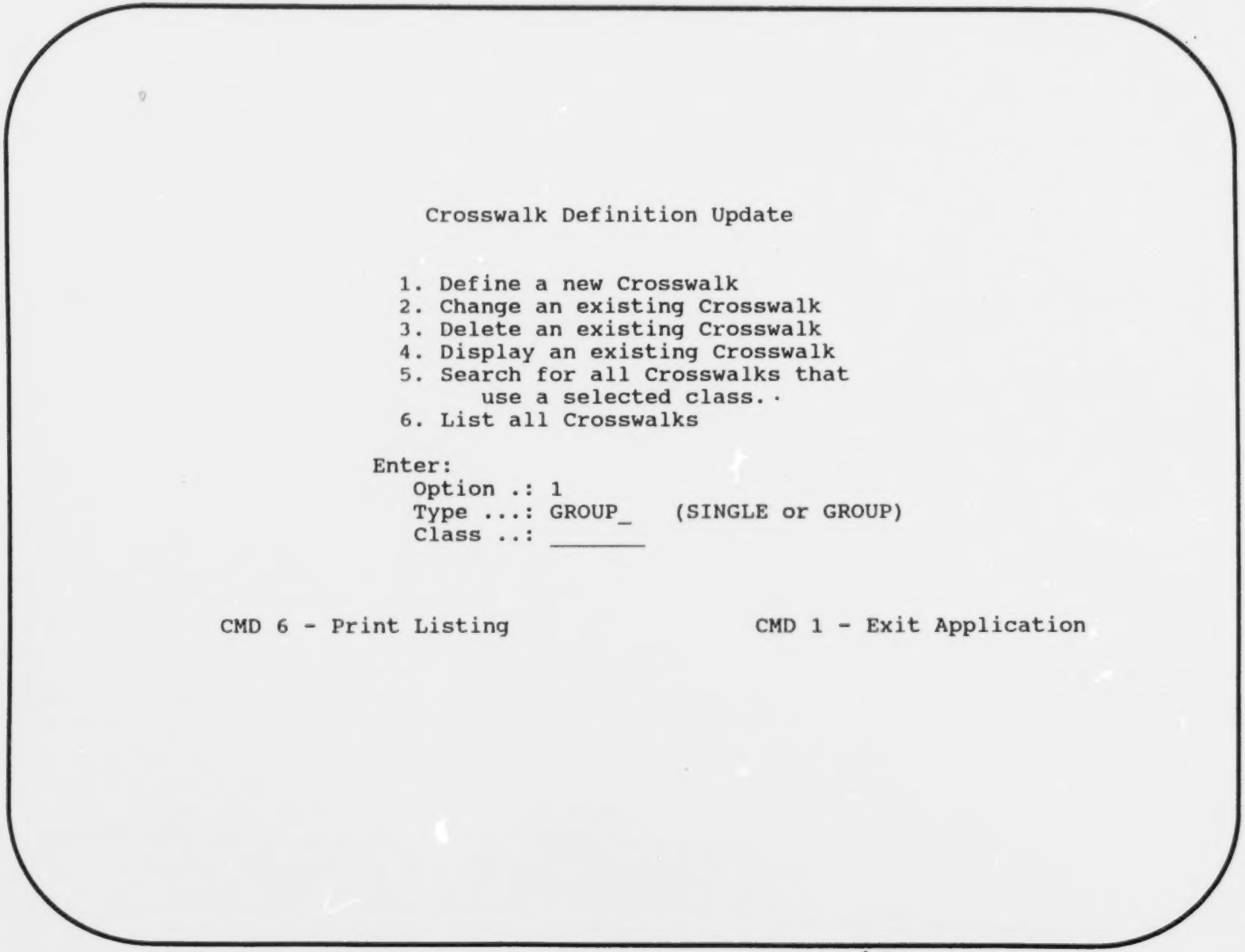
CMD 2 - Cancel CMD 6 - Print CMD 9 - Define Groups CMD 12 - UPDATE

College Transfer Class

College Code/Name: PENNSYLVANIA STATE UNIVERSITY_

Class Code	Description	Class Code	Description	Crs.
MGMT100	SURVEY OF MANAGEMENT	MGT115_	PRINCIPLES OF MANAGEMENT	3.00
MGMT341	HUMAN RSCRE MGMT	MGT340_	PERSONNEL MANAGEMENT	3.00
MICR106	ELEM MICROB			
MICR107	ELEM MICRO LAB			

CMD 2 - Cancel CMD 6 - Print CMD 9 - Define Groups CMD 12 - UPDATE


Crosswalk Definition Update
1. Define a new Crosswalk
2. Change an existing Crosswalk
3. Delete an existing Crosswalk
4. Display an existing Crosswalk
5. Search for all Crosswalks that
use a selected class.
6. List all Crosswalks
Enter:
Option .: 1
Type ...: GROUP_ (SINGLE or GROUP)
Class ..: _____
CMD 6 - Print Listing
CMD 1 - Exit Application

10

15

16

Crosswalk Definition Update
GROUP

Enter Classes for new Group Crosswalk and press ENTER.

External Class	Internal Class
MICR106	BIO201_
MICR107	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

CMD 2 - Cancel Add

11

SRDCOLEG.DSPCTL College Transfer Class DISPLAY

College Code/Name: PENNSYLVANIA STATE UNIVERSITY

Class Code	Description	Class Code	Description	Crs.
MATH003	BASIC SKILLS	MTH110	CAREER MATHEMATICS	3.00
MATH004	INTER. ALGEBRA	MTH002	BASIC ALGEBRA	3.00
MATH005	COLLEGE ALGEBRA	MTH180	COLLEGE ALGEBRA/TRIG I	3.00
MATH006	PLANE TRIGONOMETRY	MTH182	COLLEGE ALGEBRA/TRIG II	3.00
MATH017	FINITE MATH	MTH150	INTRO TO MATHEMATICS I	3.00
MATH018	ELEM LINERAR ALGEBRA	MTH170	MATRIX ALGEBRA	3.00
MATH021	COLLEGE ALGEBRA	MTH180	COLLEGE ALGEBRA/TRIG I	3.00
MATH022	COLLEGE ALGEBRA II	MTH180	COLLEGE ALGEBRA/TRIG I	3.00
MATH026	PLANE TRIG	MTH182	COLLEGE ALGEBRA/TRIG II	3.00
MATH035	GENERAL VIEW OF MATH	MTH150	INTRO TO MATHEMATICS I	3.00
MATH036	INSIGHTS INTO MATHEMATICS	MTH152	INTRO TO MATHEMATICS II	3.00
MATH040	ALG TRIG ANLY GEOM	MTH180	COLLEGE ALGEBRA/TRIG I	3.00
MATH041	ALG TRIG ANLY GEOM II	MTH182	COLLEGE ALGEBRA/TRIG II	3.00
MATH087	TECHNICAL MATH	MTH120	TECH ALGEBRA & TRIG I	3.00 +

ENTER - Continue
CMD 6 - PRINT

```
SRDADUPD.MENU          Admissions Application Update

                          1. Add an Application
                          2. Change an Application
                          3. Delete an Application
                          4. Display an Application
                          5. Name Search
                          6. Change ID
                          7. Enter External Transcripts
                          8. Assign Student to a Tour

                    Enter:
                       Option ..............: 7
                       Social Security Number: 999 - 99 - 9999
                       For Add Enter:
                               Year/Semester:  93 08 0
                               Program .....:  BAF
                               Degree Seeking: Y
                       Last Name for Search .: STUDENT__________
                       First Name for Search : JOHN_____________

 CMD 12 - Assign 600 I.D.                          CMD 1 - Cancel Program
```

SRRSTCUP.SELCTL

Student College Data
Social Security No.: 999-99-999

Enter an X to select a record for UPDATE or CMD 9 to add a new record.

X	Code	College Name	Last Sem. Attended	Degree
_	39	HARRISBURG AREA COMMUNITY COL.		
X	69	PENNSYLVANIA STATE UNIVERSITY		
_	100	WASHINGTON & JEFFERSON COLLEGE		

CMD 1 - EXIT CMD 9 - Add a College ENTER - Continue

SRDSTCUP.UPDCTL Student College Transfer Classes

Soc.Sec.No.: 999-99-999 Student John Q.
College: " PENNSYLVANIA STATE UNIVERSITY
Last Semester: TranRcvd: _ Degree: _____ GPA: Credits:
D/F Grades: _ (N = No D or F Grades)
(1 thru 9 = Number of D Grades)
(Y = F Grades)

Class	FG	Description	Class	FG	Description
_____	__		_____	__	
_____	__		_____	__	
_____	__		_____	__	
_____	__		_____	__	
_____	__		_____	__	
_____	__		_____	__	
_____	__		_____	__	
_____	__		_____	__	
_____	__		_____	__	
_____	__		_____	__	
_____	__		_____	__	

CMD 2 - Cancel UPDATE CMD 9 - Add New Class Description CMD 12 - UPDATE

```
SRDSTCUP.UPDCTL     Student College Transfer Classes

 Soc.Sec.No.: 999-99-999        Student          John          Q.
             College:       PENNSYLVANIA STATE UNIVERSITY
Last Semester:   89  TranRcvd: _  Degree: _______  GPA:       Credits:
                              D/F Grades: N (N = No D or F Grades)
                                          (1 thru 9 = Number of D Grades)
                                          (Y = F Grades)

 Class   FG        Description          Class   FG        Description
 ART100_ __ CREATIONS/VIS ARTS          SPCO100 __ EFFECTIVE SPEECH
 BIO200_ __ BIOLOGY                     _______ __
 BISC003 __ ENVIRONMENTAL SCIENCE       _______ __
 ECON004 __ MACROEC ANAL                _______ __
 ENGL004 __ BASIC WRITING SKILLS        _______ __
 ENGL015 __ RHETORIC & COMP.            _______ __
 GEOS001 __ PHYSCIAL GEOGRAPHY          _______ __
 MATH005 __ COLLEGE ALGEBRA             _______ __
 MATH110 __ TECHNICAL CALCULUS          _______ __
 PE342__ __ TENNIS                      _______ __
 PSY002_ __ INTRO. PSYCHOLOGY           _______ __                        +

CMD 2 - Cancel UPDATE   CMD 9 - Add New Class Description    CMD 12 - UPDATE
```

SRDEXTCL External Transcript Evaluation

999-99-999 Student John Q.

PENNSYLVANIA STATE UNIVERSITY BAF 92

External College Information		Penn College Information		
Class	Description	Class	Description	
	Single Class Conversions			
ART100	CREATIONS/VIS ARTS	ART200	TRANSFER ELEC - ADV ART	X
BISC003	ENVIRONMENTAL SCIENCE	ESC100	ENVIRON SCIENCE	U
ECON004	MACROEC ANAL	ECO111	PRINCIPLES MACROECONOMICS	U
ENGL004	BASIC WRITING SKILLS	ENL001	BASIC ENGLISH	X
ENGL015	RHETORIC & COMP.	ENL111	ENGLISH COMPOSITION I	U
MATH005	COLLEGE ALGEBRA	MTH180	COLLEGE ALGEBRA/TRIG I	U
MATH110	TECHNICAL CALCULUS	MTH230	APPLIED CALCULUS	U
PSY002	INTRO. PSYCHOLOGY	PSY111	GENERAL PSYCHOLOGY	X
SPCO100	EFFECTIVE SPEECH	SPC101	FUNDAMENTALS OF SPEECH	U

CMD 9 - Transcript/Profile

SRDTRAN2.TRNCTL

Transcript Update
EXTERNAL TRANSFER UPDATE

999-99-999 Student John Q.

_____ Null Crs: _
_____
_____

Class	Sec	Description	Crs	Null	Grade	Semester
_____	__			_	__	
_____	__			_	__	
_____	__			_	__	
_____	__			_	__	
_____	__			_	__	
_____	__			_	__	
_____	__			_	__	
_____	__			_	__	
_____	__			_	__	
_____	__			_	__	
_____	__			_	__	

CMD 2 - Exit NO Update CMD 9 - Import CMD 12 - Exit With Update

SRDTRAN2.TRNCTL

Transcript Update
EXTERNAL TRANSFER UPDATE

999-99-999 Student John Q.

** PENNSYLVANIA STATE UNI **__ Null Crs: _

Class	Sec	Description	Crs	Null	Grade	Semester
ART200_	__	TRANSFER ELEC - ADV ART	3.0	_	__	
BIO200_	__	TRANSFER ELECTIVE-BIOLOGY	3.0	_	__	
ECO111_	__	PRINCIPLES MACROECONOMICS	3.0	_	__	
ENL111_	__	ENGLISH COMPOSITION I	3.0	_	__	
ESC100_	__	ENVIRON SCIENCE	3.0	_	__	
FIT2001	01	FITNESS TRANSFER ELECTIVE	1.0	_	__	
GEL200_	__	GEOLOGY ELECTIVE	3.0	_	__	
HIS200_	__	TRANSFER ELECTIVE-HISTORY	3.0	_	__	
MTH103_	__	COLLEGE ALGEBRA/TRIG I	3.0	_	__	
MTH230_	__	APPLIED CALCULUS	3.0	_	__	
PED2001	__	TRANSFER ELECTIVE-PHYS ED	1.0	_	__	+

CMD 2 - Exit NO Update

CMD 12 - Exit With Update

REPORT:SRHCOLEV PENNSYLVANIA COLLEGE OF TECHNOLOGY
COLLEGE TRANSFER CLASSES EVALUATION

College: PENNSYLVANIA STATE UNIVERSITY

Class Code	Description	Class Code	Description	Credits
Single Class Conversions				
MGMT100	SURVEY OF MANAGEMENT	MGT115	PRINCIPLES OF MANAGEMENT	3.00
MGMT341	HUMAN RSCRE MGMT	MGT340	PERSONNEL MANAGEMENT	3.00
MICR106	ELEM MICROB		NO SINGLE CLASS EQUIV.	
MICR107	ELEM MICROB LAB		NO SINGLE CLASS EQUIV.	
MICR201	INTRO MICROBIOLOGY		NO SINGLE CLASS EQUIV.	
MICR202	MICRO LAB		NO SINGLE CLASS EQUIV.	
MIS101	MICROCOMPUTER IN PRG.	CSC232	PROGRAMMING IN BASIC	3.00
MIS111	ADVANCED COBOL	CSC238	COBOL PROGRAMMING II	3.00
MIS297	SPECIAL TOPICS	CSC231	PROGRAMMING IN RPG	3.00
MKTG221	CONTEMP AM MARKETING	MKT240	MARKETING	3.00
MKT220	PERSONAL SELLING	MKT243	SALES	3.00
MTH010	PRE-CALC MATH	MTH180	COLLEGE ALGEBRA/TRIG I	3.00
NUTR251	INTRO TO NUTR	FHD112	NUTRITION	3.00
PE058	BOWLING	PED171	BOWLING	1.00
PE147	HORSEBACK RIDING	PED2001	TRANSFER ELECTIVE-PHYS ED	1.00
PE205	ORIENTEERING	PED2001	TRANSFER ELECTIVE-PHYS ED	1.00
PE274	SKI-DOWNHILL	PED2001	TRANSFER ELECTIVE-PHYS ED	1.00
PE303	STRENGTH TRAINING	PED172	WEIGHT TRAINING	1.00
PE342	TENNIS	PED2001	TRANSFER ELECTIVE-PHYS ED	1.00
PE357	VOLLEYBALL	PED2001	TRANSFER ELECTIVE-PHYS ED	1.00
PHED006	PHYSCIAL ED	PED2001	TRANSFER ELECTIVE-PHYS ED	1.00
PHIL001	BASIC PROBLEMS PHIL	PHL111	INTRO TO PHILOS ANALYSIS	3.00
PHIL003	MORAL VALUES	PHL210	ETHICS	3.00
PHIL108	SOC & POLITICAL PHIL	PHL220	SOCIAL & POLITICAL PHILOS	3.00
PHYS001	SCIENCE OF PHYS	PHS200	PHYSICS ELECTIVE	3.00
PHYS150	TECHNICAL PHYSICS	PHS100	PHYSICS-MECHANICS	4.00
PHYS151	TECHNICAL PHYSICS	PHS101	PHYSICS-HEAT & LIGHT	4.00
PHYS201	GENERAL PHYSICS	PHS116	GENERAL PHYSICS I	4.00
PHYS202	GENERAL PHYSICS	PHS126	GENERAL PHYSICS II	4.00
PHYS215	INTRODUCTORY PHYSICS	PHS115	COLLEGE PHYSICS I	4.00
PHYS221	FUND. OF PHYSICS	PHS116	GENERAL PHYSICS I	4.00
PLSC001	INTRO. TO AM NAT'L GOVT	PSC231	AMERICAN NATIONAL GOVMT	3.00
PLSC014	INTERNATIONAL RELATIONS	PSC210	INTERNATIONAL RELATIONS	3.00
PSY002	INTRO. PSYCHOLOGY	PSY111	GENERAL PSYCHOLOGY	3.00
PSY213	INTRO DEV. PSYCHOLOGY	PSY203	DEVELOPMENTAL PSY	3.00
PSY217	SOCIAL PSYCHOLOGY	PSY241	SOCIAL PSYCHOLOGY	3.00
QBA102	ELEM BUSINESS STAT.	MTH162	ELEM STATISTICS I	3.00
RCLE005	COLLEGE RDG IMP I	RDG111	COLLEGE RDG & REASONING	3.00
SOC001	INTRODUCTION TO SOCIOLOGY	SOC111	INTRO TO SOCIOLOGY	3.00
SOC003	INTRO TO SOCIAL PSY	PSY241	SOCIAL PSYCHOLOGY	3.00
SOC005	SOCIAL PROBLEMS	SOC200	TRANSFER ELECTIVE - SOC	3.00
SOC012	CRIMINOLOGY	SOC242	CRIMINOLOGY	3.00
SOC015	URBAN SOCIOLOGY	SOC241	URBAN SOCIOLOGY	3.00
SPCO100	EFFECTIVE SPEECH	SPC101	FUNDAMENTALS OF SPEECH	3.00
STAT200	ELEM. STATISTICS	MTH162	ELEM STATISTICS I	3.00
Group Class Conversion				
CHEM013	CHEMICAL PRICNIPLES	CHM111	GENERAL CHEMISTRY I	4.00
CHEM015	CHEM LAB			
Group Class Conversion				
MICR201	INTRO MICROBIOLOGY	BIO201	MICROBIOLOGY	4.00